UNIVERSITY Bulletin

A publication of The University News Bureau, 45 Willcocks Street (928-2102)

FRIDAY 15th NOVEMBER 1974

THE CLUB OF GNU

Futurists look ahead and behind

Two things about the future seem clear: that our present ideas about it will in part determine the kind of future we have; and that "the one choice that is not open is to go on the way we are."

open is to go on the way we are."

On the opening day of this week's futurology symposium, presented by New College and its newly formed Club of Gnu, a responsive audience joined the panel speakers in considering what may be in store for us all.

be in store for us all.
Marshall McLuhan abundantly fulfilled
his own opening prophesy that "the
future belongs to the one-liner", and
generated aphorisms at the drop of a
crystal ball. He advised a look in the
rear-view mirror to see what's coming,
and maintained that the future is always
present. Compared with the "fantastic"
present, however, "the future is a simplistic, banal world where a few concepts
dominate".

dominate".

Dr. Jim Dator, who has taught courses in "futuristics" at the University of Hawaii since 1967, argued for the importance of grass roots involvement to avoid "colonization of the future." There are many people, he claimed, actively inventing the future the way they want it to be, and "if you're not concerned about the future don't complain when the future becomes the present and is not the way you want it to be." Dr. Dator is spending two years in Toronto to develop a TV series on the future with the Ontario Educational Communications Authority (channel 19).

The Rev. Gregory Baum of St. Michael's College agreed that predictions enter into the present and affect the kind of society we create. As an example, he expressed concern that the government's recently stated anxiety, about an open immigration policy and the problems of integration in the future, might itself lead.

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DR. DAVID STRANGWAY, chairman of the Geology department, who has been awarded the Kauffman Gold Medal of the Society of Exploration Geophysicists. The Kauffman medal, conferred for a significant contribution toward a most outstanding advancement in the science of geophysical exploration, was bestowed upon Dr. Strangway for his contribution to the geophysical aspects of the U.S. space program. The presentation was made at the annual international meeting of the Society in Dallas, Texas.





First session of a week-long seminar on "The Future", sponsored by New College and the Club of Gnu, drew a packed audience in Wilson Hall common room (above). To the right: Prof. Jim Dator, University of Hawaii; Prof. Marshall McLuhan, Principal A.D. Baines, New College; the Rev. Gregory Baum, and Sir John Lawrence, Oxford.

A home for academics at first will house married students later

A new building for temporary academic use at Erindale College, under construction since last June, is almost complete, and students and faculty are now moving in.

The two-storey building, which cost \$382,000, is at the heart of the Erindale campus and contains 36 faculty offices, nine seminar rooms, and the student housing office.

Although some faculty members were already sharing office space earlier this year, Alexander Opalinski, manager of Physical Plant and Services at Erindale, says the real crunch on office space would have come next year. The College is anticipating a rise in student enrolment and along with it an increase in the

number of faculty. "Office space would have been impossible to find within the present space arrangement," he said.

Mr. Opalinski said the faculty offices would be housed in the new building temporarily. The building will eventually become a married students' residence and will also be used for commercial purposes.

"The bottom floor space will be rented out and will probably contain a variety store, bank, barber shop, hairdresser and dry cleaning facilities," Mr. Opalinski said. "The second floor faculty offices are now in what will be the bedroom, living room and kitchen of the residence. The changeover will be quite easy since the offices are already designed to serve this function."

Opinions sought on voting policy

The present policy of the University is not to exercise its proxy to vote at shareholders' meetings. The Business Affairs Committee of the Governing Council has appointed a Task Force to examine this policy. In this connection, submissions are invited from the property of the University community. Two open meetings will be held at which the verification of the discussed: Tuesday, Nov. 28 in the Council Chamber 80 be discussed: Tuesday, Nov. 29 in the Council Chamber 80 be discussed: Tuesday, Nov.

meetings will be held at which the written briefs may be discussed: Tuesday, Nov. 19 and Tuesday, Nov. 26 in the Council Chamber, Simcoe Hall at 7.15 p.m. All written briefs must be delivered to the Secretary, J.F. Brook, Room 232, Simcoe Hall, by 5 p.m. on the days before the meetings, so that a time-table may be drawn up.

Ombudsman plan success in ASc & E

A special student-faculty Ombudsman committee formed three years ago by the Faculty of Applied Science and Engineering to hear student complaints, is working "remarkably well" says its chairman, Prof. F.C. Hooper.

According to its preamble the Ombudsman committee was constituted so that

According to its preamble the Ombudeman committee was constituted so that students "may challenge any intra-faculty administrative, executive or policy decision below the level of council and request a reconsideration for stated reason(s)." So far most of the cases that have come before the committee have resulted because of unsuccessful appeals by students to the Committee on Examinations.

The committee on Exmanufacture to the Committee on Exmittee, made up of two students, two
faculty members, and a chairman, who
votes only in the event of a tie (he is also
speaker of the Faculty Council) has heard
four cases during the past year. Although
the committee has supported only one
case Prof. Hooper says all the students
appearing before the committee have had
the feeling that their case was fairly
heard.

neard.
"So far all the decisions have been unanimous," notes Prof. Hooper, adding that all members share the common objective of attempting to insure an even handed justice to all.

Although the Ombudsman committee has no formal power, it can intercede on behalf of the individual student as his spokesman. To date all the committee's recommendations have been acted on by the admiristration

the administration.

The committee meetings are informal and are called only when a student has failed in his appeal to an administrative body and still wishes to pursue his complaint.

Prof. Hooper says he thinks the idea of such an independent body is a good idea on a campus with a large student body. He believes it helps the student with a legitimate complaint to put his case effectively before the administration.

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How surgeons correct facial deformities PAGE 3

COMING EVENTS

Saturday 16 November

CANNONBALL - Rose-A Rock Group; Pete Tiedman and the Skyliners Stringband and the ever-present Lady Godiva Memorial Band; dress, semi-formal; admission \$6 a couple, available at the Engineering Stores. Faculty invited. Hart House. 8 p.m. to 1 a.m. (Engineering Society)

Lengineering Society)
THEATRE — "Tis Pity She's a Whore" by John Ford. Hart House Theatre. 8.30 p.m. Until Nov. 23, except Sunday and Monday. Tickets 53, students \$1.50 (Drama Centre) LECTURE — "The Truth, the Whole Truth and...", Dr. Rajhp S. Mills, Convocation Hall, 8.15 p.m. (Royal Canadian Institute)
DRAMA — Comus — A Maske by John Milton, with the original music of Henry Lawes.

Seeley Hall, Trinity College. 8 p.m. Admission \$1.50, students \$1

PARTY - Children's Santa Claus Parade Party. Faculty Club. 10 a.m. Restricted to members and their children.

Sunday 17 November

MUSIC - Carolyn Gundy, violinist, accompanist, Carol Birtch, piano. Meeting Place,

Scarborough College, 3.30 pt. Concept of the Flat Earth". Prof. Ali Tayyeb. S319 Scarborough College, 4.30 pt. Concept of the Flat Earth". Prof. Ali Tayyeb. S319 Scarborough College, 4. p.m. (Geography Scarborough) LECTURE — "Orpheus Restored". Prof. Wilfrid Mellers, University of York, England. 116 Edward Johnson Building, 4.10 p.m. (SoS and Music)

COLLOQUIUM: Africa - "The Liberation of Mozambique and the Situation in South Africa". Prof. Bernard Magubane, Department of Anthropology, University of Connecti-

cut. 202 Galbraith Building. 12 noon (African Studies Committee, ISP) COLLOQUIUM: Computer — "The Design of Algorithms". Prof. John Hopcroft, Cornell University. 202 McLennan Physical Laboratories. 4 p.m. (SGS and Computer

Monday 18 November

LECTURE: Medicine - "Action of Cyclic AMP in Bacterial Regulation". Dr. Robert Perlman, Department of Physiology, Harvard Medical School. 5227 Medical Sciences

Building, 10 am. (GGS and Biochemistry).
LECTURE: Medicine – "Catecholamines Secretion by Isolated Adrenal Cells", Dr.
Robert Perlman, Harvard. 4171 Medical Sciences Building. 4 p.m. (SGS and Bio-

elenistry) LECTURE - "Kafka and Prague". Prof. Ivan Svitak, Czech Marxist philosopher, California State University. 202 Galbraith Building. 2.10 p.m. (Russian and East LECTURE -European Studies)

TALK about Dutch group portrait painting by Prof. Robert Siebelhoff. S-143 Scarborough College. 4 p.m.

Tuesday 19 November

LECTURE: Medicine - "Event-related Slow Potentials in Psychiatry". Dr. M. Dongier, Allan Memorial Institute, McGill University. 2172 Medical Sciences Building. 5 p.m.

Adam wentorial institute and Joronto Neurological Society)

LECTURE: Medicine — "Lactase Deficiency: Genetic or Acquired?". Dr. David H.
Alpers, Professor of Medicine, Chief, Division of Gastroenterology, Washington University, St. Louis. Small Lecture Theatre, Hospital for Sick Children. 12 noon. (Research Institute)

LECTURE - The Professor Edna W. Park Lecture: "On Treadmills to the Future". Dr. Ned L. Gaylin, Chairman, Department of Family and Community Development, College

The Leavini, Canaman, Department of raining and Community Development, Conego of Human Ecology, University of Maryland. Walter Hall, Edward Johnson Building, 8 p.m. (Household Science Alumnae Association)
COLLOQUIUM: Library Science — "Soul Theatre; Storytelling, Folksinging". Hugh Morgan Hill, "Brother Blue", Boston. FLS Lecture Theatre. 12 noon — 1 p.m. and 34

LECTURE: Art "Democracy in the Painting of Frans Hals and Rembrandt". Prof.

LECTURE: Art — "Democracy in the Painting of Frans Hals and Rembrandt". Prof. Robert Siebelhoff. S-143 Scatborough College, 4 p.m. SEMINAR: "Analysis of the Symphony of Psalms". Prof. Wilfrid Mellers. 310 Edward Johnson Budding 11 a.m. — 1 p.m. (SCS and Music) SEMINAR: Botany — "Photoevolution of Hz in Algae Coupled to the Export of Reducing Power from Plastid to Cytoplasm". Dr. Martin Gibbs, Department of Biology, Brandeis University. 7 Botany Budliding 4 p.m. (Botany) COLLOQUIUM: Psychology — "Working Memory". Dr. Alan Baddeley, University of Cambridge. Lash Miller auditorium. 4 p.m. (Psychology and SGS) "MUSIC — Ernest Hills, guitar. Concert Hall, 273 Bloor St. West. 12.15 to 12.45 (Royal Conservatory of Music)

Conservatory of Music)

Wednesday 20 November

LECTURE: Law – The Seventh Annual Cecil A. Wright Memorial Lecture. "The Function of Discretion in Criminal Sentencing". Prof. Caleb Foote, University of California Law School, Berkeley, Moof Court, Faculty of Law, 4p.m. (Law) History of Medicine, "Doctors Full of Phrase and Fame". Dr. W.E. Swinton. Osler Hall, Academy of Medicine (new north wing). 8:30 p.m.

LECTURE – Excepter. First of two Westerhauser Lectures: "The Northern Forest of Excepter."

Academy of Medicine (new north wing), a.309 phase LECTURE: Forestry — First of two Meyerhaeuser Lectures: "The Northern Forest of Tomorrow – its Design, Silviculture and Yield", Dr. Stig O.A. Hagner, Chief, Forestry Operations, Svenska Cellulose Aktiebolges, Sundsvall, Sweden. Fourth floor lounge,

203 College St. 2.10 p.m. (Forestry)
SEMINAR: Transportation — "Some Future Developments in Canadian Marine Transportation Policy". Roy Illing, Administrator, Canadian Marine Transportation Adminis-tration, Ministry of Transport, Ottawa. Faculty Lounge, 8309 Ross Building, York University. 3 pm. (I U of TyYork Joint Program in Transportation)

RADIO - "Islam - Law and Traditional Society". CJRT-FM (91.1) 10 a.m. and 7.30 p.m. (Islamic Studies and Open College)

Thursday 21 November

LECTURE - "The Pharmacology of Drug Dependence" series. "Clinical Pharmacology

LECTURE — 'The Pharmacology of Drug Dependence' series, 'Clinical Pharmacology of Narcotic Analgesics'. Dr. E.M. Sellers, Addiction Research Foundation. 33 Russell St. Auditorium. 12 noon to 1.30 p.m. (ARF) COLLOQUIUM: Physics — 'Terrestrial Spectroscopy''. Prof. Freeman Gilbert, Scripps Institute of Oceanography', San Diego. 102 McLennan Physical Laboratories. 4.10 to 5.15 p.m. (Physics)

COLLOQUIUM — "Leopold Infeld, Albert Einstein, and the Dynamic of Scientific Collaboration". Lewis Pyenson, Institut d'histoire et de sociopolitique des sciences, Universite de Montreal. 597 Sidney Smith Hall. 4 p.m. Refreshments 3.30 p.m. (IHPST)

SEMINAR: Environment — "Environmental Impact Assessment: A Federal Point of View". Dr. Reid Logie, chairman, Environmental Assessment Panel, Environmental Canada, 211 Haudtain Building, 4 p.m. (Environmental Studies)
SEMINAR: Medicine — "Histone F2a, MESSENGER RNA: ISOLATION, Sequence Analysis and Evolution". Dr. Michael Grunstein, Department of Biological Sciences, Stanford University, 417 Best Institute, 12.30 p.m. (Banting and Best)
Stanford University, 417 Best Institute, 12.30 p.m. (Banting and Best)

MUSIC — The Waverly Consort performs "Las Cantigas de Santa Maria" — music and verse in the medieval court of King Alfonso "The Wise". MacMillan Theatre, Edward Johnson Building, 8.30 p.m. Tickets 54, students \$2 with LD. (Music) MUSIC — Recital by Diane McIntosh, pianist, lecturer and composer, will comment and

perform all-Canadian program. Walter Hall, Edward Johnson Building. 2.10 p.m. No tickets (Music)

MEETING – University Arts Women's Club. "The Affirmative Note in Canadian Literature". Dr. Claude Bissell. St. Thomas Church Parish Hall. 383 Huron St. 1.15 p.m. MEETING: Biology Club - "Ethical Problems in Reproductive Technology". Prof. Barry Brown, SMC. 432 Ramsay Wright Zoological Laboratories. 7.30 p.m.

Friday 22 November

LECTURE: Forestry - Second Weyerhaeuser Lecture: "Canada's International Role in Forestry". John Bene, Director General, Special Advisers Division, Canadian International Development Agency, Ottawa. Fourth Floor lounge, 203 College St. 12.15

mattona Development Carry Deve

MEETING: Renaissance - "Aspects of Renaissance Biology". Prof. F.D. Hoeniger, U of South Dining Room, Hart House. 8 p.m. (Toronto Renaissance and Reformation Colloquium)

DANCE PROGRAM - Campus performance groups in modern jazz dance, international folk dance, contemporary dance. Benson Building, 320 Huron St. 8,30 p.m. Free (Women's Athletics and Physical Education)

SKYWATCHING (weather permitting). The public is invited to join the astronomers of Scarborough College on the roof. Films in S-309. 7.30-9.30 p.m.

DINNER - Faculty Club Buffet Sea Food Party. Reception 5.30 p.m. Buffet 6.30 to 8

Saturday 23 November

LECTURE - "The Iceland Volcanic Eruption, 1973". Dr. Maurice B. Lambert, Geological Survey of Canada, Department of Energy, Mines and Resources. Convocation Hall. 8.15 p.m. (Royal Canadian Institute)

Sunday 24 November

MUSIC - Jean Edwards, soprano, accompanied by Nancy Antonacci, piano. Meeting Place, Scarborough College. 3.30 p.m.

SERVICE - Massey College Vespers Service: Music by Bryant, Howells and Boyce. Chapel, 5 p.m. Visitors welcomed.

Monday 25 November

PROGRAM - Breast self examination; continuous film demonstration of self-examination of breast cancer; physicians and mastectomy patients to answer questions. Medical Sciences Building campus lobby, first floor. Nov. 25, 26, 27, 28 and 29, between noon and 2 p.m. (Medical Society (Undergraduate) and Canadian Cancer

Business may need new guidelines for relations with government

The changing relationship between gov-The changing relationship between government and business will be the subject of an important seminar, to be held in Toronto on Nov. 25 and 26, and developed by the Faculty of Management Studies in co-operation with P.S. Ross and Partners, management consultants.

Called "Issues at the Interface", the seminar will provide a review and discussion of the problems and benefits to business corporations which have arisen from the increasing government concern with management of the economy and the quality of life.

The interaction between business and government may now need new guide-lines, and the seminar is specially designed for business leaders and government representatives responsible for government and corporate policies at

The program will include sessions on business/government relations in Canada, the U.S. and Sweden; the value of a business/government exchange program; the problems of business caught between differences in provincial and federal laws

Teaching program at MSB

for detection of cancer

The Medical Society (undergraduate) and Canadian Cancer Society are presenting a special program to teach breast self-examination from Monday, Nov. 25 to Friday, Nov. 29, 12 noon to 2 p.m. daily, in the campus lobby (first floor) of the Medical Sciences Building.

the Medical sciences Building.

There will be a continuous film demonstration of self-examination for breast cancer. Physicians, and patients who have undergone mastectomy, will be present to answer questions. Those attending can go any time during the two hours and, if they wish, bring their lunch. Everyone is

and regulations; and the national and international aspects of competition. Among the seminar leaders will be the heads of major Canadian businesses, and university and government departments.

The cost of the seminar, including study materials and lunches, is \$350. Further details are available from the Executive programs, Faculty of Management Studies, 246 Bloor St. (928-4013).

Church and society at history conference

"Church and Society in Catholic Europe of the 18th Century" is the title of a conference sponsored by the Department of History being held Nov. 22 23 in the Croft Chapter House.

23 in the Crott Chapter House.

The first session, at 4 p.m. on Friday,
Nov. 22, will be "The Church in the
Hoerian Kingdoms"; the chairman will be
Prof. Harvey Mitchell, University of
British Columbia. This will be followed
by a reception at 6.30 p.m. in the Music Room of Hart House.

The second session, at 9.30 a.m. on Saturday, Nov. 23, is entitled "The Church in France and Italy"; the chairman will be Prof. Roger Clark of Memorial University. The third session, at 2.30 p.m. on Saturday, will be "The Church in the Hapsburg Lands" under the chairmanship of Prof. David Smith, Victoria ship of College.

The conference will conclude with

The conterence will conclude with a discussion by all the participants on "The Church, Society and Enlightenment". Registration fee for the conference is \$2. Those planning to attend may register in advance with Prof. W.J. Callahan, Department of History. (Sidney Smith Hall 6003).

Specialized teamwork is key in correcting facial deformities

treatment of congenital facial deformities at the Hospital for Sick Children, Here specialists combine to correct this handicap, until recently thought untreat-

Plastic surgery is only the final step in their treatment, explains Dr. Ian Munro, a plastic surgeon with HSC and lecturer in the Department of Surgery at the U of T. The children are initially referred to him for examination, and then, depending on the nature of their deformity, proceed to other specialists in the team.

Detailed examinations

One of the specialists is an anthropo-gist, who takes detailed measurements of the child's face (for example the length of the nose, the distance between the eyes, and up to 140 other measurements). The patient is photographed, and a me-dical artist draws on a transparent sheet overlaying a life-size photo of the face the changes he thinks would make the great-est improvements.

An orthodontist and a dentist respec-tively examine the child's jaw profile and the state of health of his teeth. An otolaryngologist looks at the patient's ears, nose and throat. X-rays of the skull are examined by a neuro-radiologist to detect any neural deformities, and a neuro-ophthalmologist examines the pa-tient for eye problems associated with the brain. The child's speech is studied by a speech therapist, who assesses whether any speech defects are a result of physical

In addition to undergoing these detailed studies of the face, the child is also seen by a psycho-social team (social worker, psychiatrist and psychologist) who consider the impact of the deformity on his mental health. The deformity can create great emotional problems, and many of the patients referred to the

hany of the patents recired to the hospital lead reclusive lives.

Finally, a genetecist examines the genetic basis of the deformity, and may then counsel the patient and his parents if the deformity is hereditary.

Planning conference

Following these examinations, the team meets for a planning conference. They must consider what needs doing and when. Eye repositioning, for example, is usually done as early as possible; while jaw changes are ideally delayed until adolescence as this part of the face

adolescence as this part of the face continues to grow.

The medical artist, says Dr. Muñro, initially draws an idealized potential face over the patient's photo. "From there", he adds, "we work backwards as to what is possible." In the more complex cases a drawing alone is not enough, and a three-dimensional model is used. A contour map of the face is drawn, and model is carred out of polyurethane by a model is carred out of polyurethane by a model is carved out of polyurethane by a model is carved out of polyurethane by a firm of topographers who specialize in large land-development models. Using this, the surgeon can cut and move pieces in various ways to simulate an actual operation. Facial appearance, Dr. Munro explains, is due mainly to the position of the underlying skull bones and the cut. the underlying skull bones, and the surgeon must determine which changes in bone structure will achieve the right results. In most cases surgery involves moving displaced bone to the normal position and holding it in place with bone grafts, taken usually from the patient's hip or ribs.

Music graduates awarded special MA scholarships

Three of the 100 Special M. A. Scholarships awarded by the Canada Council, go to graduates of the History and Literature Department of the University's Faculty

of Music.

Leslie De'Ath, Alison MacKay and
Beverley Burch, in competition with all
Canadian students in all disciplines at
Canadian universities proceeding to an
M.A. were the award winners.
All three have elected to enter the
M.A. program at the Faculty of Music, U
of T.



Drawings of the skull by Alex Wright, medical artist at the Hospital for Sick Children, help the surgeon plan the oper-Children, help the surgeon plan the opper ation. The first picture (above) shows how a strip of bone across the forehead should be moved. The second picture (below) illustrates how much of the total skull might be moved during an opera-



The time between the child's first visit to the hospital and the operation can be anywhere from a minimum of four months to several years (when the patient is very young and it is considered better to delay surgery). Two other important specialists are involved with the plastic surgeon at the operation. One of these is an neurosurgeon, who assists if the surgery enters the skull; and the other is an anaesthetist, whose skills are vital in enabling prolonged surgery which may take up to 15 hours

Special surgical techniques

"We can move any bone of the face or top of the skull without putting a scar on the face" claims Dr. Munro. This is achieved by approaching the bones from achieved by approaching the bones from inside the eye socket or the mouth or inside the hairline, where scars would be hidden. The surgical techniques used in this "massive" approach to facial reconstruction were developed in the late 1960's in Paris by Dr. Paul Tessier. Whilst in Paris to learn the surgery, says Dr. Murno, "I was impressed by the complexity of it — the problems and the unknowns being created by the surgery." What, for example, would be the growth and psychological problems following an operation? Certainly a new face can give a child a new life. The psycho-social team makes an independent assessment of the operation's success. The results, says Dr. Munro, are very pleasing. There are often dramatic changes in the personality of the child, who returns after the operation better dressed and groomed, and more

cheerful.

Now into its fourth year, the craniofacial design team has treated more than
80 children, and patients are being referred to the hospital at an increased rate
from all over the country. For these
people, who until recently were written
off as untreatable, corrective surgery
means the chance of leading a happy and
successful life. successful life.

STAFF NOTES

PROF. JOHN W. ANDRESEN presented a paper entitled "Arboricultural Communication" to the International Shade Tree Conference, celebrating its Communication and Atlanta, Ga. on Aug. 21. As chairman of the Urban Forestry Committee of the ISTC, he and his committee made plans for several international urban vegetation inventory studies. Dr. Andresen is the author of a national urban vegetation inventory stu-dies. Dr. Andresen is the author of a 200-page book entitled "Community and Urban Forestry — A Selected and An-notated Bibliography," published by the United States Forest Service. This bulle-tin will be of value to urban foresters and arborists throughout Canada and the United States, On Aug. 13 Porf. Andresen represented and spoke for the University of Toronto 4 at tree planting exempory. represented and spoke for the University of Toronto at a tree planting ceremony at Colborne Lodge, High Park, Two peach trees, planted by Miss Elizabeth Federkow, Niagara Peach Queen, are the beginnings of a revegetation project to ssimulate the early 19th century orchards growing in the Toronto area. The program is spowed by the Toronto area. gram is sponsored by the Toronto His-

gram is sponsored by the Toronto His-torical Board.

DR. F.J. KEENAN participated in a symposium: "Wood Trusses: Theory and Practice" at the Eastern Forest Products Fractice" at the Eastern Forest Products Laboratory, Ottawa, on Sept. 17 and 18. PROF. K.A. ARMSON attended the North American Containerized Forest Seedling Symposium which was held in Denver, Aug. 26–29. He has been elected vice-chairman of Division S-7 (Forest Soils) by the Soil Science Society of America

PROF. J.L. FARRAR attended the Third North American Forest Biology Workshop, Sept. 9 to 12, Fort Collins, Colo., and presented a paper, "Developmental Morphology of Pine Seedlings." On Sept. 16 he addressed the staff of the Canadian Forestry Service at Victoria, B.C. on "The Canadian Journal of Forest Research"

DR. G.R. PATERSON, professor of pharmaceutical chemistry, and DR. ERNST W. STIEB, professor of the his-tory of pharmacy, have been re-elected to their fourth two-year terms as secretary-treasurer and director respectively of the Canadian Academy of the History of Pharmacy. Both also continue as chairmen of two important committees of the Academy of Medicine, Toronto, Paterson of the Sub-committee on Artifacts and Stieb of the Sub-committee on (Long-Range) Planning (both of the Museum Committee); Stieb also has been re-elected to a third term as secretary of the section on the history of medicine of the

Academy.

In his capacity as immediate past chairman (president) of the AFPC, Dr. Steibe has been invited to chair a special committee on long-range planning for that body. He continues as well as curator of the Niagara Apothecary Museum in historic Niagara-on-the-Lake, Ontario, which last year attracted some 66,000 visitors during its four-month summer season.

DR. HAROLD J. SEGAL, professor of pharmacy administration is professor of pharmacy administration is studying mobility patterns of pharmacists from their home towns through their choices of career practice. He is assisted by a student under a grant from the Medical Research Council of Canada. Dr. Segal was an invited speaker at the meeting of the Connecticut Pharmaceu-tical According to Experiments.

tical, Association in Ellenville, N.Y., May 19-21. Dr. Segal explained the Prescrip-

PROF. G.C. WALKER has been appointed chairman of the Drug Quality and Therapeutics Committee to the Province of Ontario. He attended a meeting of the Editorial Advisory Board of the Canadian Journal of Pharmaceutical Sciences in Ottawa, May 22.

PROF. D.J. STEWART attended the

PROF. D.J. STEWART attended the invitational seminar on Pharmacy Resi-dency Programs held in Ottawa, May 18, He spoke on behalf of Pharmacy Resi-dency Programs in the following hospitals: McMaster University Medical Centre and St. Joseph's Hospital, Hamilton. University Hospital, Victoria Hospital and Westminster Hospital, London; Ottawa Civic Hospital and Ottawa General Hospital; Addiction Research Foundation, St. Michael's Hospital, Sunnybrook Medical Centre, Toronto General Hospital and Women's College Hospital, Toronto.

Dr. ERNST W. STEIB was chosen president-elect of the American Institute of the History of Pharmacy in Chicago in August. He is the first non-American so August. He is the first non-American so honoured, and will serve as president-elect from 1975–1977 and as president from 1971–1979. Also in Chicago, Dr. Steib took part in a seminar for Continuing Education Personnel, sponsored by the American Pharmaceutical Association and related organizations. He represented the University at a teachers' conference on Newer Methods and Media in Teaching the History of Pharmacy, held at Madison, Wis., Aug. 2–3.

PROF. G.R. PATERSON gave a paper "Henry Watters — The Prince of Ottawa Pharmacists" to the annual meeting of the Canadian Academy of the History of Pharmacy in Ottawa, May 22. He was re-elected secretary-treasurer of the Academy. Prof. Steib was re-elected director.

Nursing

PROF. HILDA MERTZ was a visiting professor at the University of Manitoba during May and June to participate in an eight weeks block experience in psychia-tric nursing for baccalaureate students at the end of their second year. Prof. Mertz worked with individual students and in-structors and conducted clinical conferences in the practice setting as well as in theory classes and seminars.

PROF. M.C. WOODSIDE has been a consultant to the School of Nursing, Memorial University, St. John's Nfld., during May and June, co-ordinating a program in community nursing offered to nurses employed by the provincial health department.

MRS. MARIA PETURSDOTTIR, director of the School of Nursing, University of Iceland, Reykjavik, is visiting the Faculty of Nursing in the fall term.

Hygiene

DR. A.M. FALLIS has been invited by the World Health Organization to serve as a member of its Scientific Advisory Panel

a member of its Scientific Advisory Panel for its Onchoerciasis Control Program that is being undertaken in West Africa. DR. A.P. RUDERMAN visited Colombia and Venezuela from Aug. 22 to 31 to advise Canadian-funded research projects at the Universidad el Valle, Cali, and the Universidad Central de Venezuela Curaca on contefficiences existences. and the Universidad Central de Vene-zuela, Caracas, on cost-effectivenes stu-dies of rural health auxiliaries. He also attended the Health Economics Sym-posium at Queen's University, Kingston, Sept. 5–6, where he presented a paper on "The Political Economy of Fee-setting and the Future of Fee-for-service." DR. ROY SHEPHARD attended the

meeting of the International Committee on Physical Fitness Research in Jerusalem, Aug. 20-22, presenting the keynote address on "Physical Fitness from the Viewpoint of the Physiologist" and chairing a session of free communications on exercise physiology.

DR. S.S. DESSER attended the Third International Congress of Parasitology, Aug. 25–31, in Munich, W. Germany, where he presented two invited papers: "The Cytology of Leucocytozoon," and
"Vectors of Haemosporines in the
Haemoproteidae and Leucocytozoidae."

The following members of the De-partment of Parasitology recently prepartment of Parasitology recently pre-sented papers at national or international meetings: DR. REINO S. FREEMAN on "Parasites of Eskimos at Igloolik and Hall Beach?" at the third International Symposium on Circumpolar Health, Yellowknife, N.W.T. July 8–11; DR. SUSAN B. McIVER on "Fine structure of Antennal grooved pegs of the mosquito, Aedes aegypti, and DR. K.S. BOO and S.B. McIver on "Fine Structure of the Antennal Sensilla Coeloconica of Anopheles stephensi" at the annual meeting of the Entomological Society of Canada, Halifax, Aug. 26-30.

DR. K.A. WRIGHT was chairman of the session on Parasitology at the annual meeting of the Canadian Society of Zoologists, Fredericton, June 2-7,

Research News

Connaught Fund

Application forms for the Connaught Fund are now available from ORA in Simcoe Hall, room 115. Please call 928-2163 for further information. Those who have already requested the forms will be receiving them automatically

Use of Canada Council General Grant Fund for travel

October meeting of the Humanities and Social Sciences Committee of the Research Board agreed to allocate ap-proximately one-third of the Canada Council general grant fund for travel - only grants to conferences in which faculty are actively participating. It which faculty are actively participating. It is intended to replace almost exactly the former travel grants program operated by the Canada Council itself. The most important conditions are that the conferences must be outside the United States or Canada, that only the costs of travel will be allowed, and that there must be some evidence of active participation by the faculty member applying. Applications should be in the form of a letter explaining the significance of the

letter explaining the significance of the conference, the travel cost and providing some evidence of active participation.
The letter should be addressed to Prof. N. Zacour, Chairman, Humanities and Social. Sciences Committee, at ORA.

The role of women in the economy

The Canada Department of Manpower and Immigration is offering a limited number of grants to further research on the role of women in the labour force and the adjustment of women immigrants in Canadian society. The grants, generally not exceeding \$10,000, cover normal research expenses but do not include stipend for salaried personnel.

Applications will be considered at two meetings and should reach ORA by Dec. 13 or Aug. 1 in order to arrive in Ottawa by the deadline. Additional information is available from ORA at 928-2874.

NIH Research Career Development Program

The NIH is currently accepting applica tions in the research career development program. Awards in this program are for individuals with clear research potential who require additional training and ex-perience in a productive scientific en-vironment in preparation for careers in independent research. Institutions may apply for awards on behalf of individuals who have had three or more years of relevant postdoctoral experience. The candidate must be a citizen or national of the U.S. and should be not more than ten

the U.S. and should be not more than ten-years beyond the attainment of the last health professional doctoral degree. Applications must be received at NIH no later than Jan. 2, 1975 for the current competition. Forms are available from NIH. Consult ORA for further informa-

NRC Research Associateships

Beginning April 1, 1975, NRC will offer research associateships tenable in its laboratories, to give promising young scientists and engineers an opportunity to work on challenging research problems. Applicants should possess at least a Ph.D. in natural sciences or a master's degree in engineering, or expect to obtain the degree before taking up the award. Preference will be given to Canadians. An award will consist of salary, staff benefits and a travel allowance. Applications must be made on special forms obtained from the research associates office at NRC

NATO Science Committee

Funds are available from the NATO Science Committee under the research grants program and the advanced study institutes program. At the June meeting of the committee, 87 research grants were awarded out of 110 applications, and 25

grants were made for advanced study institutes, out of 52 applications. Additional information concerning these programs is available at ORA. Ap-plication forms may be obtained from: Scientific Affairs Division, NATO, I110 Brussels, Belgium.

APUS protests to Mr Auld

The Association of Part-time Undergraduate Students has protested to the Hon. James Auld, Minister of Colleges and Universities, the absence of repreand Universities, the absence of research of the session of the control of University Affairs. In an open letter to Mr. Auld, Mrs. Norma Grindal, president of the APUS, said that, although she was speaking for part-time students at U of T, "we believe that we are also speaking for the partitime undergraduates from all Ontario universities" and added that, "if you have overlooked our representation on the OCUA because of representation on the OCUA because of representation was the propulation, may we ask you to look again at the number of part-time undergraduates in Ontario."

Futurists look ahead, behind

Continued from Page 1

to "attitudes and sensitivities which could create racial strife in Canadian cities. Prediction, in other words, is a way of influencing what will happen."

The question of choice in our future was emphasized by the fourth panellist, Sir John Lawrence, of New College, Oxford, editor of the Church of England quarterly 'Frontier'. "Everything you do quarterly 'Frontier'. "Everything you do in your life closes off certain options, and this applies to society as well as indivi-duals", he said. "Why are we here? (at the meeting). It seems to me we have seen the future and it doesn't work. One thing that we cannot do is go on the way we

that we cannot we appeared.

What is the role of the university in relation to the future? "Much, if not all knowledge... is thought to be relevant to the future" said Dr. Dator. "Education is future oriented." Marshall McLuhan disagreed. We are moving "hundreds of years Adeeds in our knowledge", he said. This a decade in our knowledge" he said. This means that present studies are "fantastically obsolete. ..No credits you pick up from any university will have the slightest relevance by the time you receive them." Sir John Lawrence went further. "Most of what you're taught at college is no

or what your taught are conget or earthly use anyway and never was."

Organizer and moderator of the symposium, Dr. Bob Logan, of the Department of Physics, invited interested people to discuss the issues raised, and urged anyone concerned with further action to join the Club of Gnu to consider future activities. One spinoff already, he announced at Tuesday's meeting, was the decision to start an inter-disciplinary symposium course, "Intro-ductions to Futuristics." This would be held on Thursdays at 4 p.m., beginning Nov. 2I in New College. If the present is indeed a guide to the future, it seems the Club of Gnu will have a most successful



CLIFFORD C. PITT, president of the Ontario College of Art, has been ap-pointed director of the Ontario Institute pointed director of the Ontano Institute for Studies in Education, effective next summer. The term of office will be five years. Dr. R.W.B. Jackson, the Institute's director since its founding, will retire



Mrs. Vivian McDonough, president of U of T Alumni Association, lays wreath, assisted by Group Captain G.R.F. Gross, Engineering Alumni Association. At the right is Rev. William McKeachie, Hart House chaplain.

The time of silent remembrance

At Soldiers' Tower, on Remembrance Day, as the large gold hands of the clock

At Soldiers' Tower, on Remembrance Day, as the large gold hands of the clock approached the time for silence, one of the older men commented that "It's not like it used to 'be." In bygone years the roads and lawn around the tower were packed with people gathered to remember loved ones and friends and countless others who had been brought together in a common cause, and sometimes died for it.

Yet the presence of the chaplain of Hart House in his robes represented a partial revival of past ceremony, and it may have been thoughts engendered by the sheer simplicity of the occasion that caused the three hundred odd persons present to continue their contemplation for a full five minutes in silence, shattered only by the periodic thunder of saluting guns in nearby Queen's Park.

Later, many climbed the stairs of Soldiers' Tower to visit the Muniment Room over the arch. Some 18 feet square, it houses the relies and memorabilia of past was in which students and staff of the University have played their parts, dating back to the Fenian Raids, the North-West Rebellion, and the Boor War. The idea of such a museum itself dates back to 1919, and is now being further developed with the encouragement of the University of Toronto Alumni Association.

Graduate School seeks Assistant Dean

The Council of the School of Graduate Studies has established a committee to recommend a successor to the present Assistant Dean whose second term ends

Assistant Dean whose second term ends next June 30. The committee consists of: Prof. Anne Saddlemyer (Division I), Prof. J. Spelt (Division II), Prof. S.H. Smith (Division III), Prof. G.H. Beaton (Division IV), F. McIntyre (Division II, G.S.U, president), D.W.H. Ellis (Division III, graduate student), and Dean A.E. Safarian (Chairman).

The Assistant Dean's responsibilities include those of budget officer for the include those of budget officer for the School, chairman of the fellowship and calendar committees, preparation of re-ports on such matters as enrolment and student support, and advising the School and the University on a wide variety of other matters. The term of appointment is for three years, renewable once. Any member of the committee would be pleased to receive recommendations.

Safety courses cancelled due to lack of participation

The previously announced schedule of first aid and safety management courses being offered by the University Safety Section have been cancelled due to lack of participation.

Those still interested in the St. John's Standard First Aid Course should call Mrs. Scotchmer at 928-8787.

Mrs. Scotchmer at 928-8787. The safety management program has been revised into individual two hour seminars in order to reduce the time commitment. The subjects being offered are "Safety Legislation", "Management Responsibility", "Accident Investigation" and "Preventive Action". Those still interested in this program should call Nick Rivers-Moore at 928-8787.

Accommodation

For rent spacious four-bedroom back-split house in Don Mills, available Jan. to Aug. 1975. Furnished; large family room with fireplace; modern kitchen with dish-washer and garbage disposal; finished basement with washer, dryer; quiet neighbourthood close to all schools, shop-ping centre and TTC; 20 minute drive to St. George campus; rent negotiable with references. Telephone 928-5191 (week-references. Telephone 928-5191 (weekdays) and 449-7579 (evenings and week-

Furnished three-bedroom townhouse for rent from Dec. I until end of March; outdoor parking; Don Valley Parkway and Lawrence; \$325 a month includes utilities. 445-0849.

utilities, 445-0849. Accommodation required for pro-fessor, wife, and four well-behaved child-ren (ages 3 to 10), visiting Toronto from mid-November 1974 for one year. Refer-ences supplied on request. Please call Marion Wood, 928-5422.

Wanfed: garage space for 20 foot boat. Call 928-6227 or 231-3108. Spacious fully-furnished house for rent

Spacious fully-furnished house tor rent in Aginourt; half-hour by car or 45 minutes by commuter train to St. George Campus. Four-bedroom back-split; two and one-half bathrooms; large family room with fireplace; schools, shopping centres, etc. nearby. Large fenced back yard and quiet street, particularly suitable to the state of for children. Available from Dec. 15, 1974, or Jan. I 1975, to Aug. 3I, 1975. \$475 monthly rental (negotiable with references). 928-5226, 284-3231, or 291-8316

Financial guides available

A limited number of copies of A Guide to Financial Planning by W. Charles Hebdon, Research Director, Financial Planning, OCUFA, is still available.

Anyone interested in receiving a copy should telephone 964-8417.